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LLLLLLLLLLLL BBBB BBBB      RR      RR      SSSSSSSS      HH      HH      RR      RR
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MM      MM      AAAAAA      PPPPPPPP
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! Object Module Synopsis !

Module Name	Ident	Bytes	File	Creation Date	Creator
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LBR_TRANSFER	V04-000	512	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:47	VAX/VMS Macro V04-00
CACHE	V04-000	359	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:46	VAX/VMS Macro V04-00
GETMEM	V04-000	258	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:47	VAX/VMS Macro V04-00
LBRMSG	0	0	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 02:09	VAX-11 Message V04-00
LBR_DATA	V04-000	156	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:47	VAX-11 Bliss-32 V4.0-742
LBR_GETHELP	V04-000	4053	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:50	VAX-11 Bliss-32 V4.0-742
LBR_GETPUT	V04-000	4704	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:53	VAX-11 Bliss-32 V4.0-742
LBR_INDEX	V04-000	4184	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:56	VAX-11 Bliss-32 V4.0-742
LBR_OLDLIB	V04-000	2267	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:59	VAX-11 Bliss-32 V4.0-742
LBR_OPENCLOSE	V04-000	3465	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:01	VAX-11 Bliss-32 V4.0-742
LBR_OUTPUTHELP	V04-000	4298	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:04	VAX-11 Bliss-32 V4.0-742
LBR_PUTCACHE	V04-000	744	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:06	VAX-11 Bliss-32 V4.0-742
LBR_SUBS	V04-000	1068	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:07	VAX-11 Bliss-32 V4.0-742
PAD	V04-000	1024	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:47	VAX/VMS Macro V04-00
DCXSHR	V04-000	0	-\$255\$DUA28:[DCX.OBJ]DCXSHR.STB;1	16-SEP-1984 04:13	VAX-11 Linker V04-00
MATCHNAME	V04-000	72	-\$255\$DUA28:[SYSLIB]SYSBLDLIB.OLB;1	16-SEP-1984 02:18	VAX/VMS Macro V04-00
CALLIMAGE	V04-000	377	-\$255\$DUA28:[SYSLIB]SYSBLDLIB.OLB;1	16-SEP-1984 02:16	VAX/VMS Macro V04-00
LIB\$CVT_ATB	V04-000	122	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 02:17	VAX/VMS Macro V04-00
LIB\$EF	1-006	217	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:59	VAX/VMS Macro V04-00
LIB\$VM	2-046	676	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 01:20	VAX-11 Bliss-32 V4.0-742
LIB\$PUT_OUTPUT	1-006	262	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 01:08	VAX-11 Bliss-32 V4.0-742
LIB\$SIGNAL	1-018	220	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	VAX/VMS Macro V04-00
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00
SYSS\$SDEF	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:18	VAX/VMS Macro V04-00
SYSP1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIB\$ANALYZE_SDESC	1-003	101	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:47	VAX/VMS Macro V04-00
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00

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! Program Section Synopsis !

Psect Name	Module Name	Base	End	Length	Align	Attributes
\$\$VECTOR_0_LBR	LBR_TRANSFER	00000000	000001FF	00000200 (	512.)	BYTE 0 NOPIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
		00000000	000001FF	00000200 (	512.)	BYTE 0
\$GLOBAL\$	LBR_DATA	00000200	0000049B	0000029C (	668.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	PAD	00000200	0000029B	0000009C (	156.)	LONG 2
		0000029C	0000049B	00000200 (	512.)	BYTE 0
\$OWNS	GETMEM	0000049C	0000068B	000001F0 (	496.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LBR_OPENCLOSE	0000049C	000004B3	00000018 (	24.)	BYTE 0
	LBR_OUTPUTHELP	000004B4	000004D3	00000020 (	32.)	LONG 2
		000004D4	0000068B	00000188 (	440.)	LONG 2
\$CODE\$	CACHE	00000800	00006B53	00006354 (	25428.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	GETMEM	00000800	00000966	00000167 (	359.)	BYTE 0
	LBR_GETHELP	00000967	00000A50	000000EA (	234.)	BYTE 0
	LBR_GETPUT	00000A54	00001A28	00000FD5 (	4053.)	LONG 2
	LBR_INDEX	00001A2C	00002C8B	00001260 (	4704.)	LONG 2
	LBR_OLDLIB	00002C8C	00003CE3	00001058 (	4184.)	LONG 2
	LBR_OPENCLOSE	00003CE4	000045BE	000008DB (	2267.)	LONG 2
	LBR_OUTPUTHELP	000045C0	00005328	00000D69 (	3433.)	LONG 2
	LBR_PUTCACHE	0000532C	0000623D	00000F12 (	3858.)	LONG 2
	LBR_SUBS	00006240	00006527	000002E8 (	744.)	LONG 2
	PAD	00006528	00006953	0000042C (	1068.)	LONG 2
		00006954	00006B53	00000200 (	512.)	BYTE 0
_LIB\$CODE	MATCHNAME	00006B54	0000730C	000007B9 (	1977.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CALLIMAGE	00006B54	00006B9B	00000048 (	72.)	BYTE 0
	LIB\$CVT_ATB	00006B9C	00006D10	00000175 (	373.)	BYTE 0
	LIB\$EF	00006D14	00006D8D	0000007A (	122.)	LONG 2
	LIB\$VM	00006D90	00006E60	000000D1 (	209.)	LONG 2
	LIB\$PUT_OUTPUT	00006E64	000070C7	00000264 (	612.)	LONG 2
	LIB\$SIGNAL	000070C8	000071CB	00000104 (	260.)	LONG 2
	LIB\$ANALYZE_SDESC	000071CC	000072A7	000000DC (	220.)	LONG 2
		000072A8	0000730C	00000065 (	101.)	LONG 2
_LIB\$DATA	CALLIMAGE	00007400	0000744F	00000050 (	80.)	LONG 2 PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LIB\$EF	00007400	00007403	00000004 (	4.)	BYTE 0
	LIB\$VM	00007404	0000740B	00000008 (	8.)	LONG 2
	LIB\$PUT_OUTPUT	0000740C	0000744B	00000040 (	64.)	LONG 2
	LIB\$ANALYZE_SDESC	0000744C	0000744D	00000002 (2.)	LONG 2
		00007450	00007450	00000000 (0.)	LONG 2

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! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...
ADD_CACHE	00000800-R	CACHE	LBR_GETPUT LBR_SUBS
ADD_KEY	0000313C-R	LBR_INDEX	
ALLOC_BLOCK	00006677-R	LBR_SUBS	LBR_GETPUT
CHECK_LOCK	00003CA7-R	LBR_INDEX	LBR_PUTCACHE
DCX\$ANALYZE_DATA	00000008-R	DCXSHR	LBR_DATA
DCX\$ANALYZE_DONE	00000018-R	DCXSHR	LBR_DATA
DCX\$ANALYZE_INIT	00000000-R	DCXSHR	LBR_DATA
DCX\$COMPRESS_DATA	00000028-R	DCXSHR	LBR_DATA
DCX\$COMPRESS_DONE	00000030-R	DCXSHR	LBR_DATA
DCX\$COMPRESS_INIT	00000020-R	DCXSHR	LBR_DATA
DCX\$C_BOUNDED	00000101	DCXSHR	
DCX\$C_EST_BYTES	00000202	DCXSHR	
DCX\$C_EST_RECORDS	00000201	DCXSHR	
DCX\$C_LIST	00000001	DCXSHR	
DCX\$C_ONE_PASS	00000102	DCXSHR	
DCX\$EXPAND_DATA	00000040-R	DCXSHR	LBR_DATA
DCX\$EXPAND_DONE	00000048-R	DCXSHR	LBR_DATA
DCX\$EXPAND_INIT	00000038-R	DCXSHR	LBR_DATA
DCX\$MAKE_MAP	00000010-R	DCXSHR	LBR_DATA
DCX\$_AGAIN	00F68403	DCXSHR	LBR_OPENCLOSE
DCX\$_INVARG	00F69002	DCXSHR	
DCX\$_INVCTX	00F69012	DCXSHR	
DCX\$_INVDATA	00F6900A	DCXSHR	
DCX\$_INVMAP	00F69022	DCXSHR	
DCX\$_NORMAL	00F68001	DCXSHR	LBR_OPENCLOSE
DCX\$_TRUNC	00F68800	DCXSHR	
DCXSHR_ADDRESS	00000270-R	LBR_DATA	LBR_GETHELP
DCX_ANALYZE_DATA	00000278-R	LBR_DATA	LBR_OPENCLOSE
DCX_ANALYZE_DONE	0000027C-R	LBR_DATA	LBR_OPENCLOSE
DCX_ANALYZE_INIT	00000274-R	LBR_DATA	LBR_OPENCLOSE
DCX_COMPRESS_DATA	00000284-R	LBR_DATA	LBR_GETPUT
DCX_COMPRESS_DONE	00000288-R	LBR_DATA	LBR_OPENCLOSE
DCX_COMPRESS_INIT	00000280-R	LBR_DATA	LBR_OPENCLOSE
DCX_EXPAND_DATA	00000290-R	LBR_DATA	LBR_GETHELP
DCX_EXPAND_DONE	00000294-R	LBR_DATA	LBR_OPENCLOSE
DCX_EXPAND_INIT	0000028C-R	LBR_DATA	LBR_OPENCLOSE
DCX_IT	00004792-R	LBR_OPENCLOSE	
DCX_MAKE_MAP	00000298-R	LBR_DATA	LBR_OPENCLOSE
DEALLOC_BLOCK	000066DD-R	LBR_SUBS	LBR_GETPUT
DEALLOC_CACHE	0000646E-R	LBR_PUTCACHE	LBR_OPENCLOSE
DEALLOC_MEM	000065D3-R	LBR_SUBS	CACHE LBR_INDEX LBR_PUTCACHE LBR_INDEX
DECR_REFCNT	000024F9-R	LBR_GETPUT	
DELETE_DATA	00001E3A-R	LBR_GETPUT	
DELETE_KEY	00002EDF-R	LBR_INDEX	
EMPTY_CACHE	000008EA-R	CACHE	
FIND_BLOCK	000065F6-R	LBR_SUBS	LBR_INDEX LBR_GETPUT

Symbol	Value	Defined By	Referenced By ...
LBR\$SET MOVE	000052C2-RU	LBR_OPENCLOSE	LBR_TRANSFER
LBR\$_ALCWRNGBLK	00269002-U	LBRMSG	
LBR\$_BADPARAM	002690C2-U	LBRMSG	LBR_PUTCACHE
LBR\$_DUPKEY	0026900A-U	LBRMSG	LBR_INDEX
LBR\$_EMPTYHIST	0026840B-U	LBRMSG	LBR_GETPUT
LBR\$_ENDTOPIC	00268848-U	LBRMSG	LBR_OUTPUTHELP
LBR\$_ERRCLOSE	00268840-U	LBRMSG	LBR_OPENCLOSE
LBR\$_FACILITY	00000026	LBRMSG	
LBR\$_HDRTRUNC	00268800-U	LBRMSG	LBR_GETPUT
LBR\$_ILLCREOPT	0026901A-U	LBRMSG	LBR_OPENCLOSE
LBR\$_ILLCTL	00269012-U	LBRMSG	LBR_INDEX
LBR\$_ILLFMT	0026902A-U	LBRMSG	LBR_OPENCLOSE
LBR\$_ILLFUNC	00269032-U	LBRMSG	LBR_OPENCLOSE
LBR\$_ILLIDXNUM	00269022-U	LBRMSG	LBR_INDEX
LBR\$_ILLINROU	002690EA-U	LBRMSG	LBR_OUTPUTHELP
LBR\$_ILLOP	0026903A-U	LBRMSG	LBR_GETPUT
LBR\$_ILLOUTROU	002690DA-U	LBRMSG	LBR_OUTPUTHELP
LBR\$_ILLOUTWID	002690E2-U	LBRMSG	
LBR\$_ILLTYP	00269042-U	LBRMSG	LBR_OPENCLOSE
LBR\$_INTRNLERR	002690CA-U	LBRMSG	LBR_GETPUT
LBR\$_INVKEY	0026904A-U	LBRMSG	LBR_INDEX
LBR\$_INVNAM	00269052-U	LBRMSG	LBR_INDEX
LBR\$_INVRFA	0026905A-U	LBRMSG	LBR_INDEX
LBR\$_KEYINDEX	00268009-U	LBRMSG	
LBR\$_KEYINS	00268011-U	LBRMSG	
LBR\$_KEYNOTFND	00269062-U	LBRMSG	LBR_INDEX
LBR\$_LIBNOTOPN	0026906A-U	LBRMSG	LBR_INDEX
LBR\$_LIBOPN	0026907A-U	LBRMSG	LBR_OPENCLOSE
LBR\$_LKPNOTDON	00269072-U	LBRMSG	LBR_GETPUT
LBR\$_NOFILNAM	00269082-U	LBRMSG	LBR_OPENCLOSE
LBR\$_NOHISTORY	00268403-U	LBRMSG	LBR_GETPUT
LBR\$_NOHLPLIBS	00269102	LBRMSG	LBR_OUTPUTHELP
LBR\$_NOHLPTXT	0026908A-U	LBRMSG	
LBR\$_NOMTCHFOU	00268838-U	LBRMSG	LBR_INDEX
LBR\$_NORMAL	00268001-U	LBRMSG	LBR_GETHELP
LBR\$_NOTHLPLIB	00269092-U	LBRMSG	LBR_OPENCLOSE
LBR\$_NOUPDHIST	00268808-U	LBRMSG	LBR_GETHELP
LBR\$_NULIDX	00268810-U	LBRMSG	
LBR\$_OLDLIBRARY	00268019-U	LBRMSG	LBR_INDEX
LBR\$_OLDMISMCH	00268818-U	LBRMSG	LBR_OPENCLOSE
LBR\$_RECLNG	0026909A-U	LBRMSG	LBR_OPENCLOSE
LBR\$_RECTRUNC	00268820-U	LBRMSG	LBR_GETPUT
LBR\$_REFCNTZERO	002690A2-U	LBRMSG	LBR_GETPUT
LBR\$_RFAPASTEOP	002690AA-U	LBRMSG	
LBR\$_STILLKEYS	00268828-U	LBRMSG	LBR_GETPUT
LBR\$_TOOMNYARG	002690F2-U	LBRMSG	LBR_OUTPUTHELP
LBR\$_TOOMNYLIB	002690B2-U	LBRMSG	LBR_OPENCLOSE
LBR\$_TYPMISMCH	00268830-U	LBRMSG	LBR_OPENCLOSE
LBR\$_UPDURTRAV	002690BA-U	LBRMSG	LBR_INDEX
LBR\$_USRINPERR	002690FA-U	LBRMSG	LBR_OUTPUTHELP
LBR\$_WRITEERR	002690D2-U	LBRMSG	LBR_PUTCACHE

LBR_OPENCLOSE LBR_SUBS

LBR_INDEX

LBR_INDEX LBR_INDEX LBR_SUBS

LBR_INDEX

LBR_INDEX LBR_OLDLIB LBR_SUBS LBR_SUBS

LBR_INDEX LBR_GETHELP LBR_OPENCLOSE LBR_PUTCACHE LBR_OLDLIB

Symbol	Value	Defined By	Referenced By ...
LBR_DEAL_MEM	00005157-R	LBR_OPENCLOSE	
LBR_OLD_GET_IDX	000043FB-R	LBR_OLDLIB	LBR_INDEX
LBR_OLD_LIB_DAT	00003CE4-R	LBR_OLDLIB	LBR_OPENCLOSE
LBR_OLD_LKP_KEY	00003DA5-R	LBR_OLDLIB	LBR_INDEX
LBR_OLD_SRC_IDX	00004423-R	LBR_OLDLIB	LBR_INDEX
LIB\$GL_FREVM_C	00007444-R	LIB\$VM	
LIB\$GL_GETVM_C	00007440-R	LIB\$VM	
LIB\$GL_VMINUSE	00007448-R	LIB\$VM	
LIB\$ADR_IMAGE	00006B9C-R	CALLIMAGE	LBR_OPENCLOSE
LIB\$ANALYZE_SDESC	000072A8-R	LIB\$ANALYZE_SDESC	
LIB\$ANALYZE_SDESC_R2	000072BD-R	LIB\$ANALYZE_SDESC	LIB\$PUT_OUTPUT
LIB\$CALL_IMAGE	00006BBB-R	CALLIMAGE	
LIB\$CVT_OTB	00006D1D-R	LIB\$CVT_ATB	LBR_GETHELP
LIB\$CVT_HTB	00006D2B-R	LIB\$CVT_ATB	
LIB\$CVT_OTB	00006D24-R	LIB\$CVT_ATB	
LIB\$FREE_EF	00006DCF-R	LIB\$EF	LBR_OPENCLOSE
LIB\$FREE_VM	00006FEE-R	LIB\$VM	CALLIMAGE
LIB\$GET_EF	00006D90-R	LIB\$EF	LBR_OPENCLOSE
LIB\$GET_VM	00006E64-R	LIB\$VM	CALLIMAGE
LIB\$MAP_IMAGE	00006BAC-R	CALLIMAGE	
LIB\$PUT_OUTPUT	000070D4-R	LIB\$PUT_OUTPUT	LBR_GETHELP
LIB\$RESERVE_EF	00006E18-R	LIB\$EF	
LIB\$SIGNAL	000071D2-R	LIB\$SIGNAL	LBR_OPENCLOSE
LIB\$STOP	000071CC-R	LIB\$SIGNAL	LBR_OUTPUTHELP
LIB\$BADBLOADR	00158264	LIB\$MSGDEF	
LIB\$BADBLOSIZ	0015826C	LIB\$MSGDEF	
LIB\$EF_ALRFRE	0015829C	LIB\$MSGDEF	
LIB\$EF_ALRFRES	001582A4	LIB\$MSGDEF	
LIB\$EF_RESSYS	001582AC	LIB\$MSGDEF	
LIB\$FATERRLIB	0015820C	LIB\$MSGDEF	
LIB\$INSEF	00158294	LIB\$MSGDEF	
LIB\$INSVIRMEM	00158214	LIB\$MSGDEF	
LIB\$INVSTRDES	00158224	LIB\$MSGDEF	
LOOKUP_CACHE	000008CB-R	CACHE	LIB\$ANALYZE_SDESC
LOGKUP_KEY	0000354A-R	LBR_INDEX	LBR_GETPUT
MAKE_UPPER_CASE	00006528-R	LBR_SUBS	LBR_INDEX
MARK_DIRTY	00003CCA-R	LBR_INDEX	LBR_GETPUT
MEM\$C_DYNMEM	000004AC-R	GETMEM	
MEM\$C_MAXBLK	0000049C-R	GETMEM	
MEM\$C_MEMEXP	000004A0-R	GETMEM	
MOVETO_UPPER_CASE	000065AC-R	LBR_SUBS	LBR_OPENCLOSE
NEWSL_BLK	000004A4-R	GETMEM	
READ_BLOCK	000067B5-R	LBR_SUBS	LBR_INDEX
READ_N_BLOCK	000067F9-R	LBR_SUBS	LBR_OPENCLOSE
READ_OLD_RECORD	000021A4-R	LBR_GETPUT	LBR_INDEX
READ_RECORD	00002052-R	LBR_GETPUT	LBR_INDEX
REMOVE_CACHE	000008D3-R	CACHE	LBR_GETHELP
REMOVE_KEY	0000345E-R	LBR_INDEX	LBR_INDEX
SET_MODULE	000026CC-R	LBR_GETPUT	
SS\$ACCVIO	0000000C	SYS\$SDEF	LBR_INDEX
			CALLIMAGE

Symbol	Value	Defined By	Referenced By ...
SYSSADJWSL	7FFEDE28	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSBINTIM	7FFEDE58	SYSSP1_VECTOR	LBR_GETPUT
SYSSCLOSE	7FFEE1B8	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSCONNECT	7FFEE1C0	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSCREATE	7FFEE1C8	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSDISCONNECT	7FFEE1D0	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSXPREG	7FFEDF48	SYSSP1_VECTOR	GETMEM
SYSSFAO	7FFEDF50	SYSSP1_VECTOR	LBR_GETPUT
SYSSGETTIM	7FFEDF78	SYSSP1_VECTOR	LBR_GETPUT
SYSSIMGACT	7FFEDF90	SYSSP1_VECTOR	CALLIMAGE
SYSSIMGFIX	7FFEE400	SYSSP1_VECTOR	CALLIMAGE
SYSSOPEN	7FFEE208	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSPARSE	7FFEE230	SYSSP1_VECTOR	LBR_OUTPUTHELP
SYSSPUT	7FFEE188	SYSSP1_VECTOR	LBR_OUTPUTHELP
SYSSREAD	7FFEE190	SYSSP1_VECTOR	LBR_GETPUT
SYSSSEARCH	7FFEE248	SYSSP1_VECTOR	LBR_OUTPUTHELP
SYSSSETAST	7FFEDFF8	SYSSP1_VECTOR	LIB\$VM
SYSSSETIMR	7FFEE020	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSSRCHANDLER	7FFEE118	SYSSP1_VECTOR	LIB\$SIGNAL
SYSSTRNLOG	7FFEE058	SYSSP1_VECTOR	LBR_OUTPUTHELP
SYSSWAIT	7FFEE1A8	SYSSP1_VECTOR	LIB\$PUT_OUTPUT
SYSSWAITFR	7FFEE078	SYSSP1_VECTOR	LBR_OPENCLOSE
SYSSWRITE	7FFEE1B0	SYSSP1_VECTOR	LBR_PUTCACHE
TRAVERSE_KEYS	0000364F-R	LBR_INDEX	LBR_GETHELP
VALIDATE_CTL	00006641-R	LBR_SUBS	LBR_GETHELP
			LBR_OPENCLOSE
WRITE_BLOCK	00006783-R	LBR_SUBS	CACHE
WRITE_RECORD	00001F37-R	LBR_GETPUT	LBR_INDEX

+-----+
! Symbols By Value !
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Value

Symbols...

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00000000 R-DCX$ANALYZE_INIT  
00000001 DCX$C_LIST  
00000008 R-DCX$ANALYZE_DATA  
0000000A LBR$K_LIBBLOCKS  
0000000C $$$_ACCVIO  
00000010 R-DCX$MAKE_MAP  
00000018 R-DCX$ANALYZE_DONE  
00000020 R-DCX$COMPRESS_INIT  
00000026 LBR$FACILITY  
00000028 R-DCX$COMPRESS_DATA  
00000030 R-DCX$COMPRESS_DONE  
00000038 R-DCX$EXPAND_INIT  
00000040 R-DCX$EXPAND_DATA  
00000048 R-DCX$EXPAND_DONE  
00000101 DCX$C_BOUNDED  
00000102 DCX$C_ONE_PASS  
00000200 RU-LBR$GC_CONTROL  
00000201 DCX$C_EST_RECORDS  
00000202 DCX$C_EST_BYTES  
00000204 RU-LBR$GC_RMSTV  
00000208 H-LBR$AL_CTLTAB  
00000248 R-LBR$GL_HICTL  
0000024C R-LBR$GT_EOTDESC  
00000250 R-LBR$GT_LBRVER  
00000268 R-LBR$GL_MAXREAD  
0000026C R-LBR$GL_MAXIDXRD  
00000270 R-DCX$HR_ADDRESS  
00000274 R-DCX_ANALYZE_INIT  
00000278 R-DCX_ANALYZE_DATA  
0000027C R-DCX_ANALYZE_DONE  
00000280 R-DCX_COMPRESS_INIT  
00000284 R-DCX_COMPRESS_DATA  
00000288 R-DCX_COMPRESS_DONE  
0000028C R-DCX_EXPAND_INIT  
00000290 R-DCX_EXPAND_DATA  
00000294 R-DCX_EXPAND_DONE  
00000298 R-DCX_MAKE_MAP  
0000049C R-MEM$L_MAXBLK  
000004A0 R-MEM$L_MEMEXP  
000004A4 R-NEWSL_BLK$S  
000004AC R-MEM$L_DYNMEM  
00000800 R-ADD_CACHE  
000008C8 R-LOOKUP_CACHE  
000008D3 R-REMOVE_CACHE  
000008EA R-EMPTY_CACHE  
00000967 R-LBR$GET_VM  
000009D6 R-LBR$FREE_VM  
00000B57 RU-LBR$GET_HELP  
00001A74 RU-LBR$FIND
```

Value	Symbols...
00001B10	RU-LBR\$PUT_RECORD
00001C1D	RU-LBR\$PUT_END
00001C77	RU-LBR\$GET_RECORD
00001DAA	RU-LBR\$DELETE_DATA
00001E3A	R-DELETE_DATA
00001F37	R-WRITE_RECORD
00002052	R-READ_RECORD
000021A4	R-READ_OLD_RECORD
00002451	R-INCR_REFCNT
000024F9	R-DECR_REFCNT
000025A1	RU-LBR\$INSERT_TIME
00002659	RU-LBR\$SET_MODULE
000026CC	R-SET_MODULE
00002867	RU-LBR\$PUT_HISTORY
00002B62	RU-LBR\$GET_HISTORY
00002C8C	RU-LBR\$SET_INDEX
00002CCA	RU-LBR\$LOOKUP_KEY
00002D99	RU-LBR\$INSERT_KEY
00002E01	R-LBR\$REPLACE_KEY
00002EA7	RU-LBR\$DELETE_KEY
00002EDF	R-DELETE_KEY
00002F34	R-LBR\$GET_INDEX
00003046	RU-LBR\$SEARCH
0000313C	R-ADD_KEY
0000345E	R-REMOVE_KEY
0000354A	R-LOOKUP_KEY
0000364F	R-TRAVERSE_KEYS
0000369E	R-FIND_KEY
0000391B	R-FIND_INDEX
00003CA7	R-CHECK_LOCK
00003CCA	R-MARK_DIRTY
00003CE4	R-LBR_OLD_LIB_DAT
00003DA5	R-LBR_OLD_LKP_KEY
000043FB	R-LBR_OLD_GET_IDX
00004423	R-LBR_OLD_SRC_IDX
000045C0	RU-LBR\$INI_CONTROL
00004636	RU-LBR\$DCX_MAP
00004792	R-DCX_IT
000047F8	R-LBR\$LOAD_DCX
00004838	RU-LBR\$OPEN
00004EF8	RU-LBR\$CLOSE
00005157	R-LBR DEAL MEM
000051DC	RU-LBR\$GET_HEADER
000052A5	RU-LBR\$SET_LOCATE
000052C2	RU-LBR\$SET_MOVE
000052DF	RU-LBR\$SET_RMSSTV
0000532C	RU-LBR\$OUTPUT_HELP
0000646E	R-DEALLOC_CACHE
000064CE	RU-LBR\$FLUSH
00006528	R-MAKE_UPPER_CASE
000065AC	R-MOVETO_UPPER_CASE
000065D0	R-GET_MEM

Value	Symbols...
000065D3	R-DEALLOC MEM
000065D6	R-GET_ZMEM
000065F6	R-FIND_BLOCK
00006641	R-VALIDATE_CTL
00006677	R-ALLOC_BLOCK
000066D0	R-DEALLOC_BLOCK
00006783	R-WRITE_BLOCK
000067B5	R-READ_BLOCK
000067F9	R-READ_N_BLOCK
00006930	R-INCR_RFA
00006954	R-LBR\$PATCH
00006B54	R-FMG\$MATCH_NAME
00006B9C	R-LIB\$ADR_IMAGE
00006BAC	R-LIB\$MAP_IMAGE
00006B8B	R-LIB\$CALC_IMAGE
00006D1D	R-LIB\$CVT_DTB
00006D24	R-LIB\$CVT_OTB
00006D2B	R-LIB\$CVT-HTB
00006D90	R-LIB\$GET_EF
00006DCF	R-LIB\$FREE_EF
00006E18	R-LIB\$RESERVE_EF
00006E64	R-LIB\$GET_VM
00006FEE	R-LIB\$FREE_VM
000070D4	R-LIB\$PUT_OUTPUT
000071CC	R-LIB\$STOP
000071D2	R-LIB\$SIGNAL
000072A8	R-LIB\$ANALYZE_SDESC
000072BD	R-LIB\$ANALYZE_SDESC_R2
00007440	R-LIB\$\$GL_GETVM_C
00007444	R-LIB\$\$GL_FREVM_C
00007448	R-LIB\$\$GL_VMINUSE
0015820C	LIB\$_FATERRLIB
00158214	LIB\$_INSVIRMEM
00158224	LIB\$_INVSTRDES
00158264	LIB\$_BADBLOADR
0015826C	LIB\$_BADBLOSIZ
00158294	LIB\$_INSEF
0015829C	LIB\$_EF_ALRFRE
001582A4	LIB\$_EF_ALRRES
001582AC	LIB\$_EF_RESSYS
00268001	U-LBR\$_NORMAL
00268009	U-LBR\$_KEYINDEX
00268011	U-LBR\$_KEYINS
00268019	U-LBR\$_OLDLIBRARY
00268403	U-LBR\$_NOHISTORY
0026840B	U-LBR\$_EMPTYHIST
00268800	U-LBR\$_HDRTRUNC
00268808	U-LBR\$_NOUPDHIST
00268810	U-LBR\$_NULIDX
00268818	U-LBR\$_OLDMISMCH
00268820	U-LBR\$_RECTRUNC
00268828	U-LBR\$_STILLKEYS

Value	Symbols...
00268830	U-LBR\$ _TYPISMCH
00268838	U-LBR\$ _NOMTCHFOU
00268840	U-LBR\$ _ERRCLOSE
00268848	U-LBR\$ _ENDTOPIC
00269002	U-LBR\$ _ALLWRNGBLK
0026900A	U-LBR\$ _DUPKEY
00269012	U-LBR\$ _ILLCTL
0026901A	U-LBR\$ _ILLCREOPT
00269022	U-LBR\$ _ILLIDXNUM
0026902A	U-LBR\$ _ILLFMT
00269032	U-LBR\$ _ILLFUNC
0026903A	U-LBR\$ _ILLOP
00269042	U-LBR\$ _ILLTYP
0026904A	U-LBR\$ _INVKEY
00269052	U-LBR\$ _INVNAM
0026905A	U-LBR\$ _INVRFA
00269062	U-LBR\$ _KEYNOTFND
0026906A	U-LBR\$ _LIBNOTOPN
00269072	U-LBR\$ _LKPNOTDOM
0026907A	U-LBR\$ _LIBOPN
00269082	U-LBR\$ _NOFILNAM
0026908A	U-LBR\$ _NOHLPTXT
00269092	U-LBR\$ _NOTHLPLIB
0026909A	U-LBR\$ _RECLNG
002690A2	U-LBR\$ _REFCNTZERO
002690AA	U-LBR\$ _RFAPASTEOP
002690B2	U-LBR\$ _TOOMNYLIB
002690BA	U-LBR\$ _UPDURTRAV
002690C2	U-LBR\$ _BADPARAM
002690CA	U-LBR\$ _INTRNLERR
002690D2	U-LBR\$ _WRITEERR
002690DA	U-LBR\$ _ILLOUTROU
002690E2	U-LBR\$ _ILLOUTWID
002690EA	U-LBR\$ _ILLINROU
002690F2	U-LBR\$ _TOOMNYARG
002690FA	U-LBR\$ _USRINPERR
00269102	LBR\$ _NOHLPLIBS
00F68001	DCX\$ _NORMAL
00F68403	DCX\$ _AGAIN
00F68800	DCX\$ _TRUNC
00F69002	DCX\$ _INVARG
00F6900A	DCX\$ _INVDATA
00F69012	DCX\$ _INVCTX
00F69022	DCX\$ _INVMAP
7FFEDE28	SYSS\$ADJWSL
7FFEDE58	SYSS\$BINTIM
7FFEDF48	SYSS\$XPREG
7FFEDF50	SYSS\$FAO
7FFEDF78	SYSS\$GETTIM
7FFEDF90	SYSS\$IMGACT
7FFEDFF8	SYSS\$SETAST
7FFEE020	SYSS\$SETIMR

Value	Symbols...
-----	-----
7FFEE058	SYSTRNLOG
7FFEE078	SYSSWAITFR
7FFEE118	SYSSSRCHANDLER
7FFEE188	SYSSPUT
7FFEE190	SYSSREAD
7FFEE1A8	SYSSWAIT
7FFEE1B0	SYSSWRITE
7FFEE1B8	SYSSCLOSE
7FFEE1C0	SYSSCONNECT
7FFEE1C8	SYSSCREATE
7FFEE1D0	SYSSDISCONNECT
7FFEE208	SYSSOPEN
7FFEE230	SYSSPARSE
7FFEE248	SYSSSEARCH
7FFEE400	SYSSIMGFIX

Key for special characters above:

*	- Undefined
U	- Universal
R	- Relocatable
X	- External

! Image Synopsis !

Virtual memory allocated:
Stack size:
Image header virtual block limits:
Image binary virtual block limits:
Image name and identification:
Number of files:
Number of modules:
Number of program sections:
Number of global symbols:
Number of cross references:
Number of image sections:
Image type:
Map format:
Estimated map length:

00000000 000075FF 00007600 (30208. bytes, 59. pages)

0. pages

1.

1:

1. block)

2.

60: (59. blocks)

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4.

27.

10.

145.

508.

4.

PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=2, Minor=9
FULL WITH CROSS REFERENCE in file _S255SDUA28:[LBR.LIS]LBRSHR.MAP;1
76. blocks

! Link Run Statistics !

Performance Indicators

	Page Faults	CPU Time	Elapsed Time
Command processing:	183	00:00:01.20	00:00:02.53
Pass 1:	150	00:00:01.99	00:00:03.95
Allocation/Relocation:	39	00:00:00.31	00:00:00.80
Pass 2:	91	00:00:01.75	00:00:03.40
Map data after object module synopsis:	20	00:00:01.65	00:00:01.78
Symbol table output:	10	00:00:00.17	00:00:00.74
Total run values:	493	00:00:07.07	00:00:13.20

Using a working set limited to 1200 pages and 101 pages of data storage (excluding image)

Total number object records read (both passes): 1625
of which 813 were in libraries and 176 were DEBUG data records containing 14189 bytes

Number of modules extracted explicitly = 14
with 12 extracted to resolve undefined symbols

28 library searches were for symbols not in the library searched

A total of 16 global symbol table records was written

LINK/NOSYSSHR/SHARE=EXES:LBRSHR/MAP=MAPS:LBRSHR/FULL/CROSS/SYMBOL=EXES:LBRSHR SYSS\$INPUT:/OPTIONS

Options for LBRSHRLNK.COM
Put the transfer vector up front

LIBS:LBR/INCLUDE=(LBR_TRANSFER,-

Place the LBRSHR routines immediately after
CACHE,- !Cache routines

GETMEM,-	!Memory allocation/deallocation
LBRMSG,-	!Message codes
LBR_DATA,-	!Global data
LBR_GETHELP,-	!Extract HELP text
LBR_GETPUT,-	!Read/write records
LBR_INDEX,-	!Index manipulation
LBR_OLDLIB,-	!VMS R1 format routines
LBR_OPENCLOSE,-	!Open/close library
LBR_OUTPUTHELP,-	!Prompting and library searching help
LBR_PUTCACHE,-	!Write cache to library
LBR_SUBS,-	!Subroutines
PADJ	!Padding for expansion/patching

Link off of DCXSHR's symbol table

LIBD\$:[DCX.OBJ]DCXSHR.STB

Tweak transfer vector attributes to place it first

PSECT=\$\$VECTOR 0 LBR,NOPIC

PSECT=_LIB\$CODE,NOPIC,NOSHR

Set Global Section match control

GSMATCH=LEQUAL,2,9

Define universal symbols

UNIVERSAL= -	
LBR\$CLOSE,-	!Close library
LBR\$DCX_MAP,-	!Get a DCX map
LBR\$DELETE_DATA,-	!Delete data
LBR\$DELETE_KEY,-	!Delete key
LBR\$FIND,-	!Lookup by RFA
LBR\$FLUSH,-	!Flush cache
LBR\$GET_HEADER,-	!Return library header
LBR\$GET_HELP,-	!Return HELP text
LBR\$GET_HISTORY,-	!Return library history records
LBR\$GET_RECORD,-	!Read text record
LBR\$INI_CONTROL,-	!Initialize control
LBR\$INSERT_TIME,-	!Insert date/time into module header
LBR\$INSERT_KEY,-	!Insert key
LBR\$LOOKUP_KEY,-	!Lookup key
LBR\$OPEN,-	!Open library
LBR\$OUTPUT_HELP,-	!Prompting and library searching help
LBR\$PUT_END,-	!Terminate writing module text
LBR\$PUT_HISTORY,-	!Build library update history
LBR\$PUT_RECORD,-	!Write module text record
LBR\$SEARCH,-	!Search index for given RFA
LBR\$SET_INDEX,-	!Set current index
LBR\$SET_LOCATE,-	!Set locate mode
LBR\$SET_MODULE,-	!Return / update module header
LBR\$SET_MOVE,-	!Set move mode
LBR\$RET_RMSSIV,-	!Return RMS status value
LBR\$GL_CONTROL,-	!Pointer to library context block

LBR\$GL_RMSSTV,- !RMS STV on errors

LBR messages

```
! Success
  lbr$_normal,-
  lbr$_keyindex,-
  lbr$_keyins,-
  lbr$_oldlibrary,-
! Informational codes
  lbr$_nohistory,-
  lbr$_emptyhist,-
! Warning codes
  lbr$_hdrtrunc,-
  lbr$_noupdhist,-
  lbr$_nulidx,-
  lbr$_oldmismch,-
  lbr$_rectrunc,-
  lbr$_stillkeys,-
  lbr$_typmismch,-
  lbr$_nomtchfou,-
  lbr$_errclose,-
  lbr$_endtopic,-
! Error codes
  lbr$_allwrngblk,-
  lbr$_dupkey,-
  lbr$_illctl,-
  lbr$_illcreopt,-
  lbr$_illidxnum,-
  lbr$_illfmt,-
  lbr$_illfunc,-
  lbr$_illop,-
  lbr$_illtyp,-
  lbr$_invkey,-
  lbr$_invnam,-
  lbr$_invrfa,-
  lbr$_keynotfnd,-
  lbr$_libnotopn,-
  lbr$_lkpnotdon,-
  lbr$_libopn,-
  lbr$_nofilnam,-
  lbr$_nohlptxt,-
  lbr$_nothlplib,-
  lbr$_reclng,-
  lbr$_refcntzero,-
  lbr$_rfapasteof,-
  lbr$_toomnylib,-
  lbr$_updurtrav,-
  lbr$_badparam,-
  lbr$_intrnterr,-
  lbr$_writeerr,-
  lbr$_illoutrou,-
  lbr$_illoutwid,-
  lbr$_illinrou,-
  lbr$_toomnyarg,-
  lbr$_usrinperr
```

_\$255\$DUA28:[LBR.OBJ]LBRSHR.EXE;1

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